

STRONGARM



HYDRAULIC and AIR JACKS

ARMSTRONG HYDRAULICS INC.
U.S.A.

ARMSTRONG BEVERLEY ENG. LTD.
MONTREAL, CANADA

CAT. NO. H74
WETHERLEY NO. 920



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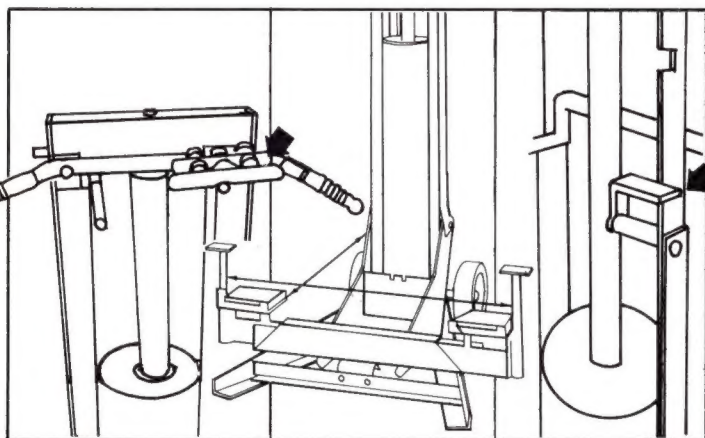


NEW LOADMASTER 4000 Lbs. at 150 PSI

The LOADMASTER, Model 50A, is a new modern, rugged jack made to handle all types of light truck and under car work. With the addition of new adapters, its increased reach and saddle span allows it to fit the lift-point locations and bumper contours of all the new popular American cars. It features a superhoned cylinder with a piston that travels smoothly, effortlessly on Torrington roller bearings. All controls remain stationary within easy reach as the load is raised or lowered. A heavy-duty "Y" frame supports a 4,000 lb. capacity work load at standard service station air pressure.

SPECIFICATIONS MODEL 520A

Capacity: 4,000 lbs. at 150 psi
Low Lift Point: 9"
Maximum Lift: 40"
Reach: 17 1/4"
Adjustable Spread: 17 1/4" x 57 1/4"
Length: 34"
Width: 31 3/4"
Overall Height: 49 1/4"
Wheels: 8" dia. Semi-Pneu
Shipping Weight: 184 lbs. approx.



LIFT CONTROLS

Controls always remain stationary within easy reach as the load is raised or lowered.

SPAN AND REACH

Saddle span is from 17 1/4" to 57 1/4" with a reach of 17 1/4 inches.

SAFETY CONTROLS

Multiple position safety locks prevent accidental lowering under load.



MODEL 520A
4,000 lbs. capacity

HYDRAULICALLY OPERATED WHEEL DOLLY — MODEL 220



**3/4 TON
CAPACITY
MODEL 220**

The Strongarm Model 220 Wheel Dolly enables one man to quickly remove or install truck and bus wheel assemblies up to 52" in diameter with ease.

A machined leveling screw allows infinite tilt adjustment. The handle knob can be operated by hand or with a 1/2" socket wrench. Lifts arms and carriage are equipped with Oilite bearings to insure smooth operation and extended life. Extra strength 4" ball bearing castors permit easy positioning and fast transport.

Other features include a convenient parts and tool tray and eight foot of heavy duty chain. Power source is a removable Strongarm 1 1/2 ton hydraulic jack (Not included) Model A2.

SPECIFICATIONS MODEL 220

Capacity	1500 lbs.	Chassis Height:	30 3/4"
Hydraulic Lift:	5"	Chassis Width:	30 3/4"
Ext. Screw Adj.:	2"	Chassis Length:	32 1/2"
Lift Arm Length:	24"	Caster Diameter:	4"
Lift Arm Spread:	24"	Shipping Weight:	115 lbs. approx.

STRONGARM

FRAME JACKS



NEW 1 $\frac{3}{4}$ TON HYDRAULIC FRAME JACK MODEL 35R

THE NEW STRONGARM 35R

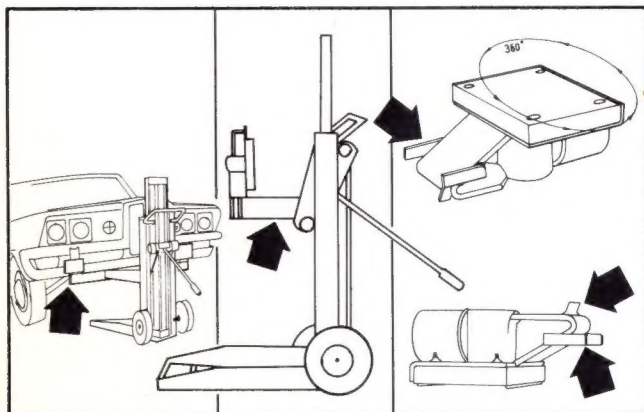
An engineering breakthrough in jacks that assures greater safety for both car and operator. The new Strongarm 35 frame jack lifts up to 3500 pounds with ease. It easily reaches under any car to contact the frame with rubber saddles. A mechanical safety lock keeps the jack at any desired height. This jack has been ruggedly built for trouble-free service. Its compact design and fold-away operating handle make for convenient storage.

CHECK THESE OUTSTANDING FEATURES:

- Widest Reach to handle any frame width!
- Longest Reach to get under any overhang!
- Fold-away handle!
- Rubber saddles!
- Handles Loads Up to 3500 Pounds!
- Mechanical Safety Lock
- Rubber wheels!
- Extra Compact for Convenient Storage!
- Rotating 360° saddles!
- Universal rubber swivel pads especially designed!
- To take all Pontiac, Mustang and Firebird cars.
- No need for special adaptor!



OPTIONAL EXTRAS
• Extension Post
• Transmission Head



WIDEST REACH

to handle any frame width from 19" to 58" to contact all safe lifting points.

LONGEST REACH

to go under any overhead! Reach 18 $\frac{1}{2}$ " clears all bumpers.

SWIVEL SADDLES

rotating rubber saddles that turn a complete 360°, built to take Pontiac, Mustang, Firebirds.

SPECIFICATIONS MODEL 35R

Capacity	3500 lbs.
Low Lift Point	9 $\frac{3}{4}$ "
High Lift Point	31 $\frac{3}{4}$ "
Reach	18 $\frac{1}{2}$ "
Adjustable Width	19" to 58"
Shipping Weight	187 lbs.



1½ TON M65

THE NEW LIGHT DUTY, COMPACT QUICK SERVICE JACKS

New compact and economy hydraulic service jack. Ideal for emergency road service calls because of its minimum maintenance. It is especially recommended for servicing passenger cars across the country. This compact jack can handle also a variety of in-shop uses for sports type and compact cars.



MODEL M65

SPECIFICATIONS MODEL M65

Minimum Height	4"
Maximum Height	19½"
Highest Point of Chassis	6"
Width (widest part)	13½"
Length of Chassis	26¼"
Length with Handle	68"
Shipping Weight net	88 lbs.

1½ TON F65L

PERFECT FOR EMERGENCY ROAD CALLS

F65L long service jack provides improved manoeuvrability for hard to reach positions. It has a safety and overload mechanism built in. (Always use safety stands - see page 14.)



MODEL F65L

SPECIFICATIONS MODEL F65L

Maximum Height	19"
Highest Point of Chassis	6"
Highest Point of Chassis	6⅞"
Width (widest part)	13½"
Length of Chassis	40½"
Length with Handle	81"
Shipping Weight net	100 lbs.



MODEL B60

4 TON B60

FOR SPEED AND EFFICIENCY

This jack compact and portable, develops a four ton lifting capacity. All Strongarm models are steel fabrication with clean functional lines. The perfect answer to most service calls for truck breakdowns.

SPECIFICATIONS MODEL B60

Minimum Height	4 3/4"
Maximum Height	19 1/2"
Highest Point of Chassis	7 3/8"
Width (widest part)	13 3/4"
Length of Chassis	29 3/4"
Length with handle	74 1/2"
Shipping Weight net	130 lbs.

2 TON A68

JUST RIGHT FOR SPEED AND PROFITS

These Strongarm portable models combine power and speed to accommodate most service station requirements. It comes equipped with safety overload and spring back handle. (Always use safety stands - see page 14.)



MODEL A68

SPECIFICATIONS MODEL A68

Minimum Height	6 1/8"
Maximum Height	21"
Highest Point of Chassis	6 1/8"
Width (widest part)	12 1/2"
Length of Chassis	33 1/2"
Length of handle	70"
Shipping weight net	94 lbs.



3 TON F70

DESIGNED FOR THOSE BIGGER LIFTING PROFITS

The most practical garage jack on the market for its size. It is fitted with a foot pedal for rapid lifting which reduces jacking time in half. It comes with a separate release and safety mechanism on the handle. (Always use safety stands - see page 14.)

SPECIFICATIONS MODEL F70

Minimum Height	5½"
Maximum Height	24"
Highest Point of Chassis	7½"
Width (widest part)	14"
Length of Chassis	53"
Length with Handle	94½"
Shipping Weight net	165 lbs.

MODEL F70



MODEL F80

5½ TON F80

ENGINEERED TO CUT LIFTING TIME IN HALF

These 5½ ton garage jacks also include both pedal & lever actions. It comes with a 3 locking position handle. The handle includes also release & safety mechanisms. A rubber diaphragm compensates for internal variations of pressures in order to keep the unit fully sealed.

SPECIFICATIONS MODEL F80

Minimum Height	5½"
Maximum Height	22"
Highest Point of Chassis	8"
Width (widest part)	15½"
Length of Chassis	52½"
Length with Handle	94½"
Shipping Weight net	220 lbs.





2³/₄ TON HIGH LIFT B75

DESIGNED FOR REACH AND SPEED

Strongarm's high lift garage jacks will achieve maximum access for servicing. The B75 is all steel fabrication and has clean functional lines with patented 2 stage pumping system to reach to the load faster. It has a safety handle locking pin for non-accident operation.

SPECIFICATIONS MODEL B75

Minimum Height	5 ¹ / ₂ "
Maximum Height	36"
Highest Point of Chassis	7 ¹ / ₂ "
Width (widest part)	18"
Length of Chassis	5' 1"
Length with Handle	8' 6"
Shipping Weight net	280 lbs.



MODEL B75

MODEL B85



5¹/₂ TON HIGH LIFT B85

FOR HIGH LIFTS AND BIGGER JOB PROFITS

This 5¹/₂ ton model is another high lift garage jack that will achieve maximum access for servicing. This high lift garage jack will make all your lifting problems disappear. It comes with a 2 speed hydraulic system for faster operation. (Always use safety stands - see page 14). The B85 has a safety handle locking pin which prevents accidental operation.

SPECIFICATIONS MODEL B85

Minimum Height	6"
Maximum Height	36"
Highest Point of Chassis	10"
Width (widest part)	20"
Length of Chassis	5' 3 ¹ / ₂ "
Length with Handle	8' 9"
Shipping Weight net	336 lbs.



**MODEL
H100**



11 TON H100

ENGINEERED FOR HEAVY DUTY SERVICE

These heavy duty garage jacks are equipped with a foot pedal and built for punishment. It can handle all passenger cars, heaviest trucks and tractors up to 11 tons. It is safe, powerful and portable. Always use safety stands - see page 14.)

SPECIFICATIONS MODEL H100

Minimum Height	6"
Maximum Height	22¾"
Highest Point of Chassis	10"
Width (widest part)	18½"
Length of Chassis	59"
Length with Handle	101"
Shipping Weight net	350 lbs.

8 TON B90

DESIGNED FOR TRUCK AND FLEET MAINTENANCE

Easy to handle this 8 ton garage jack is ideal for any repair shop. It has front wheels inside the frame, allowing the jack to nose up to less accessible jacking points. It has a 2 speed hydraulic pump system for quick action and easy servicing.

SPECIFICATIONS MODEL B90

Minimum Height	6"
Maximum Height	24"
Highest Point of Chassis	10"
Width (widest part)	19"
Length of Chassis	4' 4½"
Length with Handle	7' 10"
Shipping Weight net	322 lbs.

**MODEL
B90**





**MODEL
B100L**



11 TON B100L EXTRA LONG CHASSIS

IDEALLY SUITED FOR SERVICE AND FLEET REPAIR SHOPS

This 11 ton heavy duty garage jack has front wheels mounted inside the frame. This allows the jack to nose up to less accessible jacking points. This beauty has the long body with the long reach. It has the safety pin for non-accident operation. It comes with 2 speed hydraulic system for faster action and easy servicing. (Always use safety stands - see page 14.)

SPECIFICATIONS MODEL B100L

Minimum Height	6"
Maximum Height	24½"
Highest Point of Chassis	10¾"
Width (widest part)	19"
Length of Chassis	6' 3½"
Length with Handle	9' 9½"
Shipping Weight net	404 lbs.

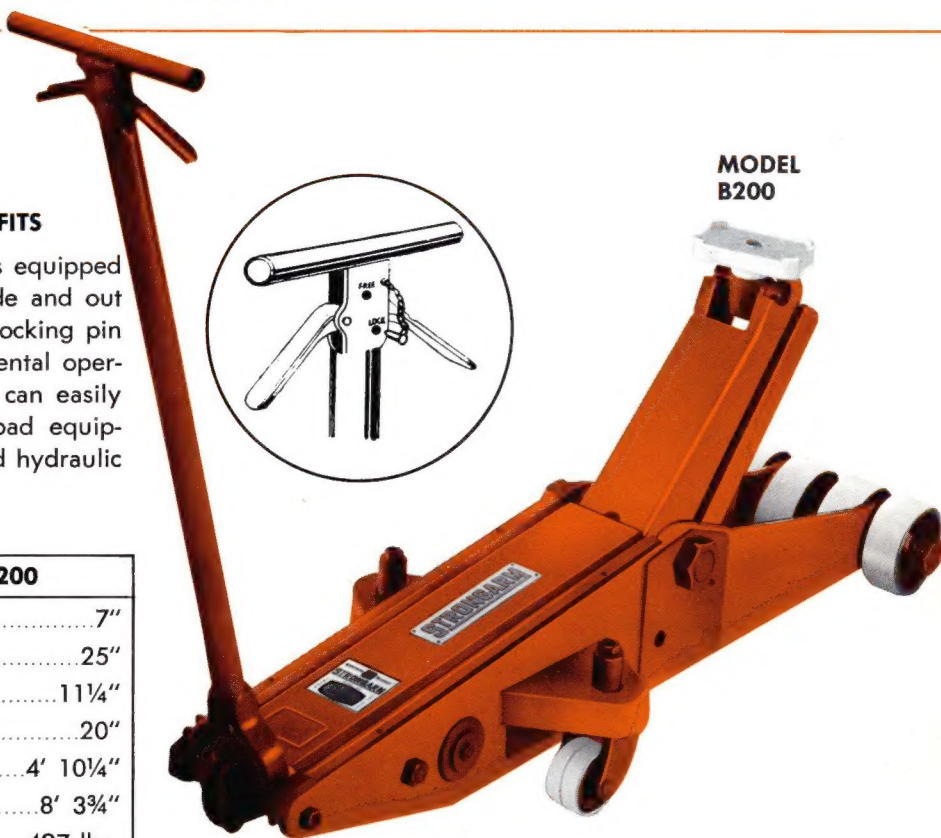
22 TON B200

ENGINEERED FOR THE HEAVY PROFITS

The B200 heaviest on the market is equipped with 4 front wheels, mounted inside and out of frame. This model has a safety locking pin in the handle which prevents accidental operation of the release mechanism. It can easily handle buses, trucks and off-the-road equipment up to 22 tons. It has a 2 speed hydraulic system for quick action.

SPECIFICATIONS MODEL B200

Minimum Height	7"
Maximum Height	25"
Highest Point of Chassis	11¼"
Width (widest part)	20"
Length of Chassis	4' 10¼"
Length with Handle	8' 3¾"
Shipping Weight net	497 lbs.



**MODEL
B200**

STRONGARM

TRANSMISSION JACKS

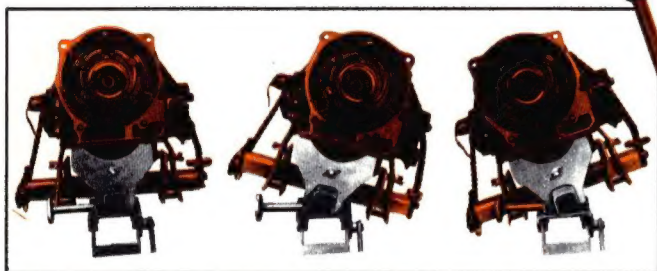


HEAVY COMMERCIAL

TRANSMISSION JACKS - MODEL CTJ2 2000 LBS.



MODEL CTJ2



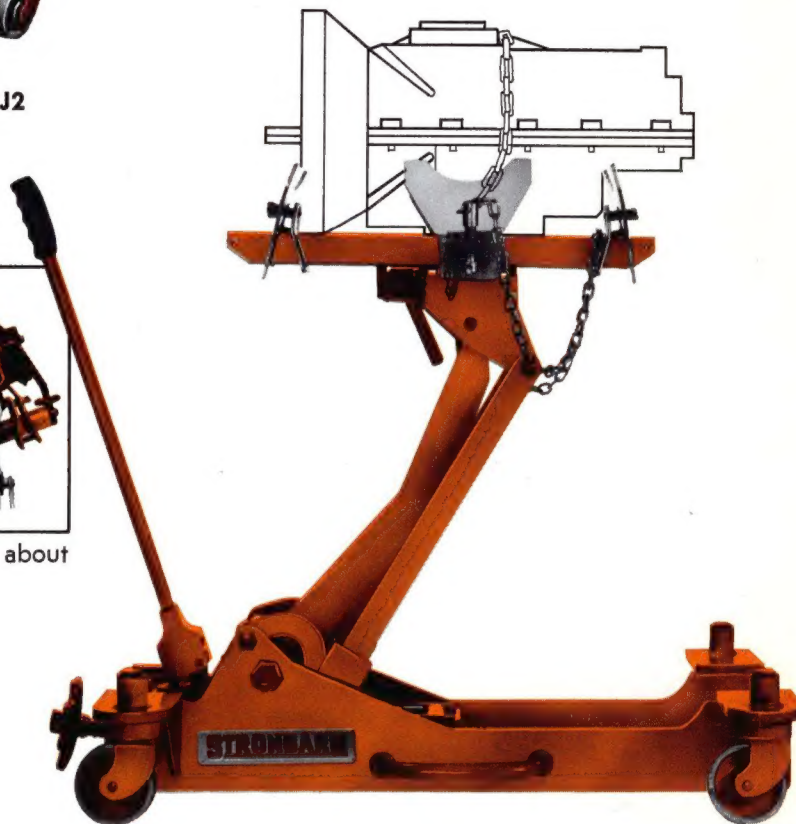
15 Degrees Clockwise or Anti-Clockwise Rotation about Transmission's Axis.

SAFER BECAUSE...

Extra-heavy welded steel chassis and the counter-balance lifting arm which prevents any danger of tipping even at full height and maximum tilt. The adjustable pick-up blades and strong steel chains hold the transmission securely to the lifting head during removal, installation, and transporting.

EASIER BECAUSE..

All three controls have direct low-effort gear ratios reducing manual work to a minimum. Ball-bearing castor wheels and convenient-height dollying handle allow smooth, rapid transport across the service floor.



SPECIFICATIONS MODEL CTJ2

Capacity	2000 lbs.
Chassis Length	42 $\frac{3}{4}$ "
Chassis Width	24"
Chassis Height	9 $\frac{3}{4}$ "
Maximum Height with lifting head	29 $\frac{1}{8}$ "
Minimum Height with lifting head	8 $\frac{1}{2}$ "
Hydraulic Lift	21 $\frac{1}{4}$ "
Weight	209 lbs.



UNIVERSAL HYDRAULIC TRANSMISSION JACKS MODEL TJ8 1000 LBS.



MODEL TJ8

The compact 1000 lb. transmission jack is designed to handle all car transmissions and differentials. It has a tilting ability of 15 degrees in any direction for convenient easy service maintenance work. The pump handle rotates fully 360° in any direction. The four casters allow effortless positioning of the jack.

SPECIFICATIONS MODEL TJ8

Capacity	1000 lbs.
Chassis Length	33 1/2"
Chassis Width	17"
Chassis Height	8 1/2"
Maximum Lift with Head	32"
Weight	140 lbs.
15 Degrees Tilting Ability All Directions.	

TWO-STAGE STRONGMASTER LIFT 1500 LBS. MODEL TJ4

Two-stage transmission jack that is rugged and stable enough to handle the light truck transmissions, yet priced to compete with ordinary transmission jacks.

SPECIFICATIONS MODEL TJ4

Capacity	1,500 lbs.
Low Height	33 3/4"
High Height	73"
Tilt Forward	30°
Tilt Backwards	10°
Tilt Sideways	10°
Overall length	44 3/4"
Overall width	44 3/4"
Shipping weight	150 lbs. approx.

EXCLUSIVE FEATURES

- ★ The only self-bleeding hydraulic system
- ★ Three stage release valve
- ★ Universal head designed for maximum tilt
- ★ Variable controlled pump for rapid lift
- ★ Lifetime oil filter
- ★ Overload protection
- ★ Lowers to bench level

MODEL TJ4



STRONGARM

AXLE JACKS & FEATURES



Model
A2

1 1/2 Ton



Model
B2

3 Ton



Model
C2

5 Ton



Model
D2

8 Ton

FEATURES

- Saddle designed for maximum stability.
- Deep extension screw threads easily adjust up to load. Extension screw on hand jacks from 1 to 30 ton models.
- Ground finish plunger protected by efficient wiper ring.
- Extra heavy top guide for better protection against accidental damage and increased rigidity.
- Machine tooled reservoir steel tank with extra upper seal.
- Hard rolled cylinder with image smooth finish for longer life.
- Indestructible malleable handle bracket. Designed to receive convenient two-piece handle packed in box.
- Wiper ring to protect piston.
- All welded construction for improved rigidity against accidental side load damage.
- Separate steel replaceable pump cylinder.
- Separate valve cartridge for easy and more economical servicing.
- Extra thick heavy web malleable base.
- Ball type release for maximum performance.

STRONGARM HYDRAULIC JACKS are built to last as well as being designed for inexpensive servicing when required. Used by car owners, truckers, bus and other fleet owners. General purpose jacks for industry. The special exclusive two-piece handle comes in each box.



Model
H2

15 Ton



Model
F2

12 1/2 Ton



Model
E2

10 Ton

EXCLUSIVE
2 PIECE HANDLES
COME PACKED
IN EACH BOX.

SPECIFICATIONS

Model No. Cap. in Tons	A2 1 1/2	B2 3	C2 5	D2 8	E2 10	F2 12 1/2	H2 15
Low Height	6 3/4"	8 3/8"	8 3/4"	9"	9"	9"	8 15/16"
Ram Lift	4 1/2"	5 7/8"	6 1/4"	6 1/4"	6 5/32"	6"	5 3/4"
Extension Screw	3"	2 5/8"	4"	4 1/2"	4 1/2"	4 1/2"	3 3/8"
Handle Lgth. Ass.	21 1/4"	20 11/16"	20 11/16"	20 11/16"	20 11/16"	20 11/16"	17 7/16"
Weight App.	7 1/2 lbs.	10 lbs.	13 1/2 lbs.	15 lbs.	17 1/2 lbs.	20 1/2 lbs.	23 lbs.



20 TON MODEL M



30 TON MODEL N



MODELS M AND N ARE VERY STRONGLY BUILT JACKS

Suitable for heavy vehicles, excavators and similar road machinery as well as for industries and contractors. Both jacks have extension screws.

A **STRONGARM** 4" Pressure gauge graduated in tons is available as an optional extra for these models.

50 TON MODEL K



100 TON MODEL L



MODELS K AND L are designed to meet the highest demands of strength and stability. Equipped with two pumps, one for fast approach to load, one for easy power lifts. Suitable for shipyards, industries, railways, contractors, mines and power plants. Air screw in reservoir is open when jack is used and closed when jack is transported.

A **STRONGARM** 4" Pressure gauge graduated in tons is available as an optional extra for these models.

HEAVY DUTY AXLE JACK SPECIFICATIONS

MODEL CAPACITY	MODEL M 20 Tons	MODEL N 30 Tons	MODEL K 50 Tons	MODEL L 100 Tons
Low	9 $\frac{1}{32}$ "	10 $\frac{5}{16}$ "	11 $\frac{7}{32}$ "	12 $\frac{1}{32}$ "
Hyd. Lift	4 $\frac{1}{2}$ "	5 $\frac{1}{32}$ "	5 $\frac{15}{16}$ "	5 $\frac{29}{32}$ "
Ext. Screw	4 $\frac{9}{16}$ "	4 $\frac{3}{32}$ "	—	—
Weight	37 lbs.	57 lbs.	127 lbs.	209 lbs.
Handle	28"	28"	35 $\frac{1}{16}$ "	35 $\frac{1}{16}$ "

50 TON MODEL SK 100 TON MODEL SL



SAFETY COLLAR

Similar to regular models plus a threaded ram with safety collar. Works as a mechanical safety when load is on jack.

Gauge Optional Extra.

AXLE JACK DISPLAY STAND



Model AJM (includes stand and jacks)

STRONGARM

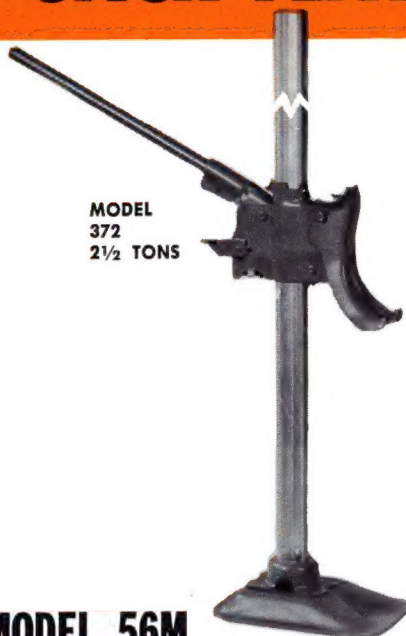
AXLE STANDS & JACK FEATURES



MODEL
20
2 TON



MODEL
372
2½ TONS



MODEL
50M—3 TON

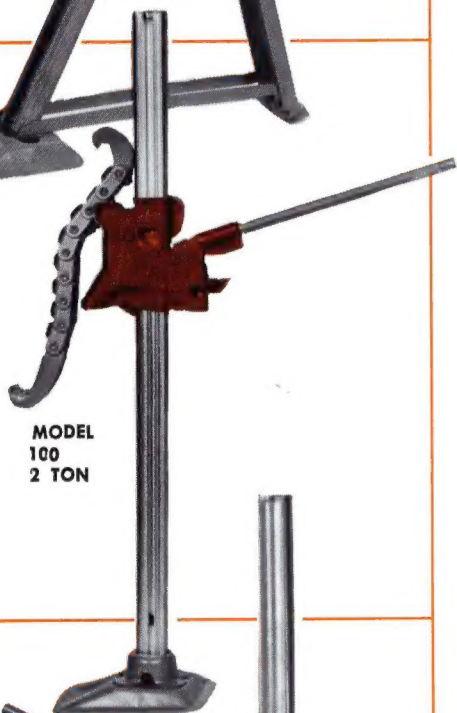


MODEL 56M
CAR SCISSOR JACK



Low 3½", Lift 13½", Wt. 12 lbs. Made of heavy steel with ball bearings.

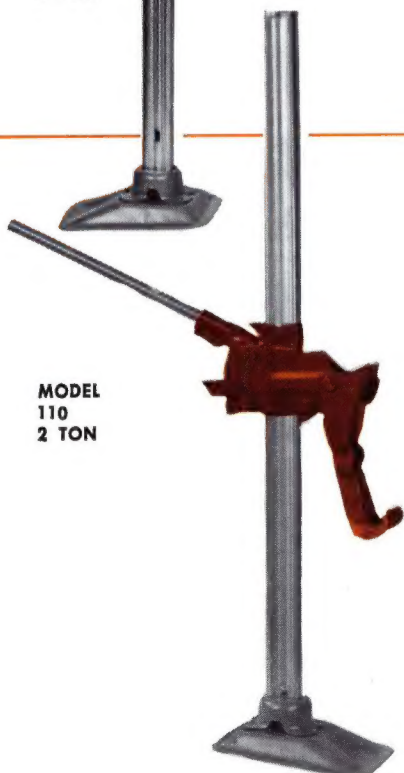
MODEL
100
2 TON



MODEL
60MS—5 TON
(SWIVEL HEAD)



MODEL
110
2 TON

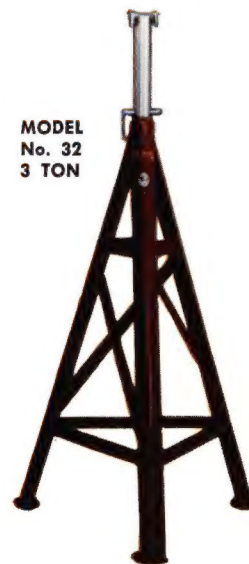


**STRONGARM
HYDRAULIC
JACK OIL**
Available in Pint,
Quart and
Gallon Containers

SPECIFICATIONS

Model	Cap. Tons	Height		Overall Base Size	Weight Each
		Low	Raised		
Car Stands					
50M (3 Ton)	3	16	24	11½ x 11½	10 lbs.
60M (5 Ton)	5	18¼	26¼	11½ x 11½	13 lbs.
Hi-Stands No. 32	3	48	58	29 x 26	40 lbs.
Hook Jacks					
110	2	0	26¼	6 x 8	11.7 lbs.
100	2	0	31	6 x 8	14.3 lbs.
20	2	0	30½	6 x 8	17.5 lbs.
372	2½	0	28	6 x 8	9.8 lbs.

MODEL
No. 32
3 TON



STRONGARM

**CAR AND TRUCK
PNEUMATIC END LIFTS
PRESSES AND CRANES**



3500 LBS. MODEL 100

SERVICE MASTER SAFETY LIFT

Air operated. Double safety duty tank. Double safety latches. Steel Construction. Rugged, sturdy construction means longer life, practically eliminates maintenance costs, allows for more productive use. Designed to lift either end of car or light truck, the Service Master Lift automatically locks in the desired raised position. Air hose can be removed for use on other jobs.

SPECIFICATIONS MODEL 100

Capacity at 150 PSI	3,500 lbs.
Maximum Lift	60 1/4"
Reach	66 in.
Weight (including adapter)	465 lbs.
Clearance	7 1/2 in.
Durable enamel finish.	



**STORAGE
SPACE
26" x 30"**

COMPACT PRESSES MODEL H15F-15 TON

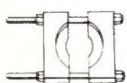


This press is designed to accept any make of 15 ton (H2) axle jack. It is of an all welded frame construction and it includes a heavy duty return spring with self-centering locator for installation of a Strongarm axle jack. Strongarm Model H (15 ton) axle jack may be ordered with a Precision Pressure Gauge calibrated in tons.

- Simplifies brake drum replacement.
- Press bearing on or off.
- Compact — occupies only 4 sq. ft.

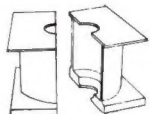
MODEL OPTIONS

BEARING EXTRACTOR



3/4" to 5 1/4"
HP 85

BEARING REMOVER



#021
Cage Type

CRANES MODEL 202W- 2000 LBS.

LIFTING CAPACITY IN POUNDS

Crane Model No.	BOOM POSITIONS		
	A	B	C
202 W	1000	1500	2000



MODEL 202W

- All purpose Crane with four point support for maximum stability.
- Two swivel casters for good manoeuvrability.
- Compact hydraulic unit with safety overload valve.
- Built-in boom extension for extra reach when needed.
- All welded construction and tubular section for greater strength and better appearance.
- Quality workmanship throughout.



**FOR A COMPLETE RANGE OF
STRONGARM PRESSES AND
CRANES PHONE OR WRITE FOR
OUR CATALOGUE H75.**

STRONGARM *is another word* *for Quality - Dependability - Safety*

OVER 60 YEARS EXPERIENCE IN HYDRAULICS

The "Strongarm" line of Hydraulic Jacks, Cranes and Presses comes to you from the manufacturers of the world famous Armstrong shock absorbers. For over sixty years the unique design and research facilities of Armstrong have been devoted to the study and solution of hydraulic problems.



The productive capacity of the Armstrong organization has expanded in line with the increasing demands for its products. There are Companies in the United States, Canada, England and Australia, employing 4,000 people and Licenced manufacturers in France, Sweden, Denmark, Spain and India; and a network of agencies throughout the world.

SERVICE

Authorized service depots have been set up from Coast to Coast. The name and address of the one closest to you may be obtained from your Distributor.

Guarantee

Strongarm Jacks and parts are guaranteed against defective materials and workmanship for 90 days, 180 days on jacks classified on Strongarm price list as "Hydraulic Service Jacks" and Frame & Bumper Jacks, from date of original sale to user. Jack should be sent prepaid to nearest authorized Strongarm repair depot for inspection. A complete explanation of the complaint and proof of date of purchase must accompany the jack. The guarantee does not apply to parts broken by accident, overload, abuse, worn out in service or the use of incorrect oil.

**STRONGARM ALSO MANUFACTURES PRESSES AND
CRANES. DETAILS MAY BE FOUND IN CAT. H75**